



DEC 04 2002

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PATENT
Attorney Docket No. 020399-000100US

Assistant Commissioner for Patents
Washington, D.C. 20231

On Nov 26, 2002

TOWNSEND and TOWNSEND and CREW LLP

By: Connie Larson

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re application of:

Andrew John Whitworth

Patent No. 6,394,144, based on U.S. App.
Serial No. 09/868,745,
filed on June 20, 2001

Issue Date: May 28, 2002

For: PTFE TUBE

Examiner: Patrick Brinson

Art Unit: 3752

**PETITION TO REQUEST FOR
CERTIFICATE OF CORRECTION
UNDER 37 CFR §1.182**

Box DAC

Assistant Commissioner for Patents
Washington, D.C. 20231

Sir:

This is a Petition to request that the priority document for the subject application be provided on the face of the issued patent by way of a certificate of correction. The subject application was filed on June 20, 2001 and issued into U.S. Patent No. 6,394,144 on May 28, 2002. The subject application was based on a PCT application (PCT/GB99/04425) and was filed on December 24, 1999, which in turn claimed priority to GB 9828467.2, filed December 24, 1998 and GB 9927418.5, filed November 22, 1999 ("the priority documents"). During prosecution, the Declaration of the inventor inadvertently omitted the priority document, although reference to the priority document was clearly listed in the PCT filing. Accordingly, Applicant respectfully petitions to

12/05/2002 AMONDAF1 00000104 201430 09868745

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Assistant Commissioner for Patents,
Washington, D.C. 20231

on Aug 9, 2002

TOWNSEND and TOWNSEND and CREW LLP

By Connie Larson
Connie Larson

PATENT

Attorney Docket No.: 020399-000100US

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re application of:

Andrew John Whitworth et al.

Examiner: Patrick Brinson

Patent No.: 6,394,144

Art Unit: 3752

Issued: May 28, 2002

**REQUEST FOR CERTIFICATE OF
CORRECTION UNDER §1.323**

For: PTFE TUBE

Assistant Commissioner for Patents
Washington, D.C. 20231

Sir:

Pursuant to 37 CFR §1.323 Applicant submits a Certificate of Correction
correcting minor errors inadvertently left uncorrected by Applicant.

The desired corrections are set forth on form PTO 1050 and also on the first page
of the Published PCT application. Copies of both are enclosed.

Please deduct the fee, pursuant to 37 CFR §1.20(a), of \$100.00 from deposit
account 20-1430 and any additional fees associated with this Certificate.

Respectfully submitted,

Daniel Gibby
Reg. No. 38,464

TOWNSEND and TOWNSEND and CREW LLP
Two Embarcadero Center, 8th Floor
San Francisco, California 94111-3834
Tel. (303) 571-4000
Fax (303) 571-4321
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OFFICE OF PETITIONS

Andrew John Whitworth
U.S. Patent No. 6,394,144
Page 2

PATENT

include such information on U.S. Patent No. 6,394,144 by way of a certificate of correction under 37 CFR §1.182. A copy of the desired corrections are set forth on Form PTO 1050, enclosed herewith.

Also, Applicants wish to note that a request for a certificate of correction was previously filed with the Corrections Branch. A copy of the decision from the Corrections branch is enclosed. In the Decision, the Corrections Branch indicated that a petition should be filed to effectuate this change.

Please deduct the petition fee as set forth in 37 CFR §1.17(h), of \$130.00 from Deposit Account No. 20-1430. Please charge any additional fees or credit overpayment to Deposit Account No. 20-1430.

Respectfully submitted,
Darin J. Gibby
Reg. No. 38,464

TOWNSEND and TOWNSEND and CREW LLP
Two Embarcadero Center, 8th Floor
San Francisco, California 94111-3834
Tel: (303) 571-4000
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DE 7088202 v1

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(Also Form PTO-1050)UNITED STATES PATENT AND TRADEMARK OFFICE
CERTIFICATE OF CORRECTION

PATENT NO : 6,394,144
DATED : May 28, 2002
INVENTOR(S) : Andrew John Whitworth; Dorothy Whitworth, Helen Hollingworth, Maura Lockwood

It is certified that error appears in the above-identified patent and that said Letters Patent are hereby corrected as shown below:

(30) Foreign Application Priority Data

December 24, 1998 (GB).....9828467.2
November 22, 1999 (GB).....9927418.5

MAILING ADDRESS OF SENDER: Darin J. Gibby
Townsend and Townsend and Crew LLP
Two Embarcadero Center, 8th Floor
San Francisco, CA 94111-3834
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PATENT NO. 6,394,144

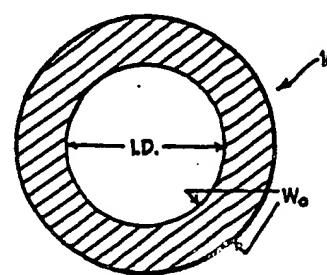
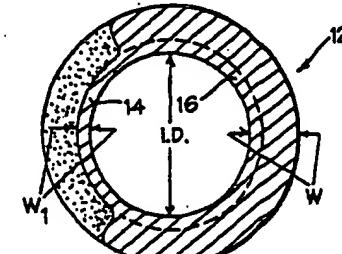
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DE 7078832 v1



INTERNATIONAL APPLICATION PUBLISHED UNDER THE PATENT COOPERATION TREATY (PCT)

(51) International Patent Classification ⁷ : F16L 11/11		A1	(11) International Publication Number: WO 00/39494 (43) International Publication Date: 6 July 2000 (06.07.00)
<p>(21) International Application Number: PCT/GB99/04425</p> <p>(22) International Filing Date: 24 December 1999 (24.12.99)</p> <p>(30) Priority Data: 9828467.2 24 December 1998 (24.12.98) GB 9927418.5 22 November 1999 (22.11.99) GB</p> <p>(71) Applicants (for all designated States except US): WHITWORTH, Dorothy [GB/GB]; Beech Hill Farm, Longsledale, Nr Kendal, Cumbria LA8 9BB (GB). HOLLINGWORTH, Helen [GB/GB]; Newlands, Levens, Nr Kendal, Cumbria LA8 8PA (GB). LOCKWOOD, Mauna [GB/GB]; High Hampsfield Farm, Nr Grange-over-Sands, Cumbria LA11 6LY (GB).</p> <p>(71)(72) Applicant and Inventor: WHITWORTH, Andrew, John [GB/GB]; Poplar House, Hampsfell Road, Grange-over-Sands, Cumbria LA11 6BE (GB).</p> <p>(74) Agent: W.P. THOMPSON & CO.; Coopers Building, Church Street, Liverpool L1 3AB (GB).</p>		<p>(81) Designated States: AE, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, CA, CH, CN, CR, CU, CZ, DE, DK, DM, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, NO, NZ, PL, PT, RO, RU, SD, SE, SG, SI, SK, SL, TJ, TM, TR, TT, TZ, UA, UG, US, UZ, VN, YU, ZA, ZW, ARIPO patent (GH, GM, KE, LS, MW, SD, SL, SZ, TZ, UG, ZW), Eurasian patent (AM, AZ, BY, KG, KZ, MD, RU, TJ, TM), European patent (AT, BE, CH, CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE), OAPI patent (BF, BJ, CF, CG, CI, CM, GA, GN, GW, ML, MR, NE, SN, TD, TG).</p> <p>Published With international search report.</p>	
<p>(54) Title: A PIPE TUBE</p> <p>(57) Abstract</p> <p>The present invention relates to a polytetrafluoroethylene (PTFE) tube, and more particularly to a PTFE tube for a flexible hose. In particular the invention relates to a PTFE tube having a smooth bore for use in the production of a lined hose assembly further comprising hose braids, external hose protection and end fittings. The PTFE tube comprises external roots and peaks, which tube is obtainable from a non-convoluted tube having an original wall thickness W_0 and an internal diameter ID by process in which a region of the tube is thinned to provide external convolutions with a root wall thickness W_1 characterised in that the convoluted PTFE tube has an improved resistance, of greater than 7.6 %, to permeation by comparison with the non-convoluted tube, the comparison being made between tubes of (i) equal nominal bore ID; and (ii) equal weight of PTFE per unit length.</p>			
 <p>(i) apply deformation force at or above the gel transition temperature</p> <p>(ii) heat above the gel transition temperature in the absence of a restraining force</p> <p>(iii) cool to below the gel transition temperature with a restraining force while convolutions become stable</p> 			



UNITED STATES DEPARTMENT OF COMMERCE
 Patent and Trademark Office
 ASSISTANT SECRETARY OF COMMERCE AND
 COMMISSIONER OF PATENTS AND TRADEMARKS
 Washington, D.C. 20231

10-8-02
 Patent No. : 6,394,144

Inventor(s) : Andrew John Whitworth

Issued : May 28, 2002

For: PTFE TUBE

RECD

OCT 23 2002

Re. Request for Certificate of Correction

Consideration has been given your request under the provisions of Rule 1.323.

The request for Certificate of Correction is denied because applicant did not claim priority in the declaration and has not provided the priority documents. Therefore, no correction is in order here under United States Codes (U.S.C.) 254 or 255 and the Code of Federal Regulation (C.F.R.) 1.323.

In view of the foregoing, your request is hereby denied.

Further correspondence concerning this matter, should be directed to:

U.S. Patent and Trademark Office
 Washington, DC 20231
 Attn: Decisions & Certificates of Correction Branch

Eva Jones

Cecelia B. Newman
 Decisions & Certificate
 of Correction Branch
 (703) 305-8047 or (703) 305-8309

Darin J. Gibby
 Townsend and Townsend and Crew
 Two Embarcadero Center, 8th Floor
 San Francisco, CA 94111-3834

ej

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FEE TRANSMITTAL
for FY 2003

Patent fees are subject to annual revision.

 Applicant claims small entity status. See 37 CFR 1.27

TOTAL AMOUNT OF PAYMENT (\$ 130)

Complete if Known

Application Number	09/868,745
Filing Date	September 20, 2001
First Named Inventor	Andrew John Whitworth
Examiner Name	Patrick Brinson
Group Art Unit	3752
Attorney Docket No.	020399-000100US

METHOD OF PAYMENT (check all that apply)

Check Credit Card MoneyOrder Other None
 Deposit Account:

Deposit Account Number

20-1430

Deposit Account Name

Townsend and Townsend and Crew LLP

The Commissioner is authorized to: (check all that apply)

Charge fee(s) indicated below Credit any overpayments
 Charge any additional fee(s) during the pendency of this application
 Charge fee(s) indicated below, except for the filing fee to the above-identified deposit account.

FEE CALCULATION

1. BASIC FILING FEE

Large Entity Small Entity

Fee Code	Fee (\$)	Fee Code	Fee (\$)	Fee Description	Fee Paid
1001	740	2001	370	Utility filing fee	
1002	330	2002	165	Design filing fee	
1003	510	2003	255	Plant filing fee	
1004	740	2004	370	Reissue filing fee	
1005	160	2005	80	Provisional filing fee	

SUBTOTAL (1) (\$)

2. EXTRA CLAIM FEES FOR UTILITY AND REISSUE

Total Claims	Independent Claims	Multiple Dependent	Extra Claims	Fees from below	Fee Paid

Large Entity Small Entity

Fee Code	Fee (\$)	Fee Code	Fee (\$)	Fee Description
1202	18	2202	9	Claims in excess of 20
1201	84	2201	42	Independent claims in excess of 3
1203	280	2203	140	Multiple dependent claim, if not paid
1204	84	2204	42	** Reissue independent claims over original patent
1205	18	2205	9	** Reissue claims in excess of 20 and over original patent

SUBTOTAL (2) (\$)

**or number previously paid, if greater; For Reissues, see above

FEE CALCULATION (continued)

3. ADDITIONAL FEES

Large Entity	Fee Code	Fee (\$)	Small Entity	Fee Code	Fee (\$)	Fee Description	Fee Paid
	1051	130		2051	65	Surcharge - late filing fee or oath	
	1052	50		2052	25	Surcharge - late provisional filing fee or cover sheet	
	1053	130		1053	130	Non-English specification	
	1812	2,520		1812	2,520	For filing a request for reexamination	
	1804	920*		1804	920*	Requesting publication of SIR prior to Examiner action	
	1805	1,840*		1805	1,840*	Requesting publication of SIR after Examiner action	
	1251	110		2251	55	Extension for reply within first month	
	1252	400		2252	200	Extension for reply within second month	
	1253	920		2253	460	Extension for reply within third month	
	1254	1,440		2254	720	Extension for reply within fourth month	
	1255	1,960		2255	980	Extension for reply within fifth month	
	1401	320		2401	160	Notice of Appeal	
	1402	320		2402	160	Filing a brief in support of an appeal	
	1403	280		2403	140	Request for oral hearing	
	1451	1,510		1451	1,510	Petition to institute a public use proceeding	
	1452	110		2452	55	Petition to revive – unavoidable	
	1453	1,280		2453	640	Petition to revive – unintentional	
	1501	1,280		2501	640	Utility issue fee (or reissue)	
	1502	460		2502	230	Design issue fee	
	1503	620		2503	310	Plant issue fee	
	1460	130		1460	130	Petitions to the Commissioner	130
	1807	50		1807	50	Petitions related to provisional applications	
	1806	180		1806	180	Submission of Information Disclosure Stmt	
	8021	40		8021	40	Recording each patent assignment per property (times number of properties)	
	1809	740		2809	370	Filing a submission after final rejection (37 CFR § 1.129(a))	
	1810	740		2810	370	For each additional invention to be examined (37 CFR § 1.129(b))	
	1801	740		2801	370	Request for Continued Examination (RCE)	
	1802	900		1802	900	Request for expedited examination of a design application	
	Other fee (specify) _____						

*Reduced by Basic Filing Fee Paid

SUBTOTAL (3)

(\$130)

SUBMITTED BY

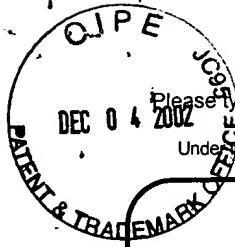
Complete (if applicable)

Name (Print/Type)	Darin J. Gibby	Registration No. (Attorney/Agent)	38,464	Telephone	303-571-4000	
Signature					Date	11/26/02

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TRANSMITTAL FORM

(to be used for all correspondence after initial filing)

Total Number of Pages in This Submission

Application Number	09/868,745
Filing Date	September 20, 2001
First Named Inventor	Andrew John Whitworth
Group Art Unit	3752
Examiner Name	Patrick Brinson

Attorney Docket Number

ENCLOSURES (check all that apply)		
<input checked="" type="checkbox"/> Fee Transmittal Form	<input type="checkbox"/> Assignment Papers (for an Application)	<input type="checkbox"/> After Allowance Communication to Group
<input type="checkbox"/> Fee Attached	<input type="checkbox"/> Drawing(s)	<input type="checkbox"/> Appeal Communication to Board of Appeals and Interferences
<input type="checkbox"/> Amendment / Reply	<input type="checkbox"/> Licensing-related Papers	<input type="checkbox"/> Appeal Communication to Group (Appeal Notice, Brief, Reply Brief)
<input type="checkbox"/> After Final	<input type="checkbox"/> Petition	<input type="checkbox"/> Proprietary Information
<input type="checkbox"/> Affidavits/declaration(s)	<input type="checkbox"/> Petition to Convert to a Provisional Application	<input type="checkbox"/> Status Letter
<input type="checkbox"/> Extension of Time Request	<input type="checkbox"/> Power of Attorney, Revocation Change of Correspondence Address	<input checked="" type="checkbox"/> Other Enclosure(s) (please identify below):
<input type="checkbox"/> Express Abandonment Request	<input type="checkbox"/> Terminal Disclaimer	Return Postcard
<input type="checkbox"/> Information Disclosure Statement	<input type="checkbox"/> Request for Refund	Petition to Request a Certificate of Correction
<input type="checkbox"/> Certified Copy of Priority Document(s)	<input type="checkbox"/> CD, Number of CD(s)	
<input type="checkbox"/> Response to Missing Parts/ Incomplete Application		Remarks
<input type="checkbox"/> Response to Missing Parts under 37 CFR 1.52 or 1.53		The Commissioner is authorized to charge any additional fees to Deposit Account 20-1430.

SIGNATURE OF APPLICANT, ATTORNEY, OR AGENT

Firm and Individual name	Townsend and Townsend and Crew LLP Darin J. Gibby	Reg. No. 38,464
Signature		
Date	11/26/02	

CERTIFICATE OF MAILING

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11-26-02

Typed or printed name	Connie Larson
Signature	
Date	11-26-02

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